



3rd Avenue NW – NW 105th St to NW 85th St



 4-inch asphalt overlay

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Project ID # 2007-327

Type of Improvement: Street Resurfacing
Neighborhood: Greenwood

Approximate Length: 5300 feet
Street Classification: Minor Arterial

Applicant Description of Problem and/or Project:

Problem: Street repairs (mostly west side) are needed. Arterial bumps, dips, broken up surface, ruts. Arterial used by freight trucks, semi-trucks, bicyclists and vehicular traffic and school buses. When heavy trucks and semi trucks hit the bumps and dips in "bog" area 89th to 95th, homes rattle and shake. Ground shakes – seismic reading would be interesting.

Suggested Project: Street repairs, mostly on the west side. Bumps, dips broken up surface, ruts, arterial used by freight trucks, semi trucks, bicyclist and vehicular traffic and school buses. When heavy trucks hit the bumps and dips (89th to 95th) homes rattle and shake. Seismic reading would be interesting.

Potential Solution and/or Comments:

3rd Avenue NW – From NW 85th St to NW 105th St

- Grind and overlay with 3-inches of asphalt concrete over existing pavement. Assume about 10% of the corridor needs full-depth pavement repair.
- Assume that because more than 5,000 SF of impervious area is being constructed that stormwater detention and water quality will be required.

Challenges/Tradeoffs:

- A detailed pavement design needs to be conducted for the roadway. Additional pavement in the "bog" area may not be the appropriate solution if settlement is still occurring.

Preliminary Range of Cost: \$1,700,000 to \$2,080,000